

MQ15-X-Power male receptable shielded front mount

wires PVC 6x2.5 0,5m

Art.No.: 7000-P8381-P800050

Weight: 0.128

Country of origin: DE

Model designation: MSWAQ3FV-P80_0.5

Flange male

MQ15, 6-pole

with multi-strand wire

shielded housing

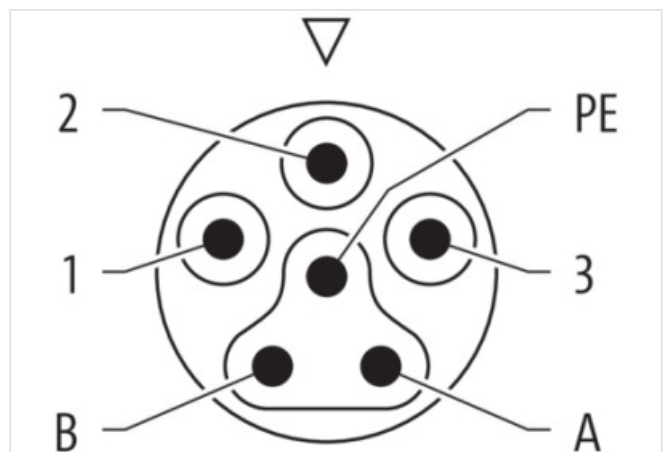
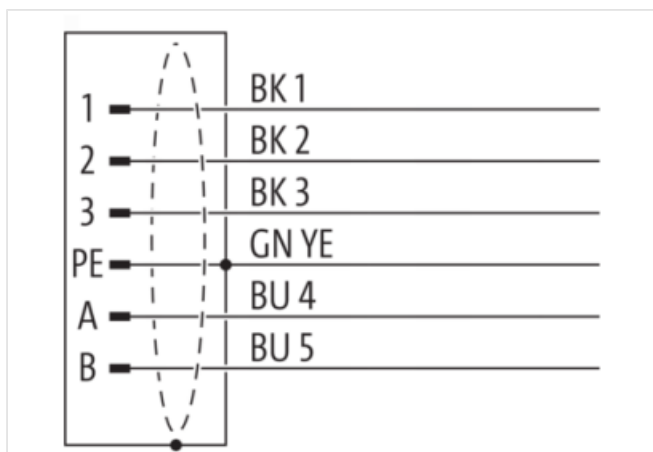
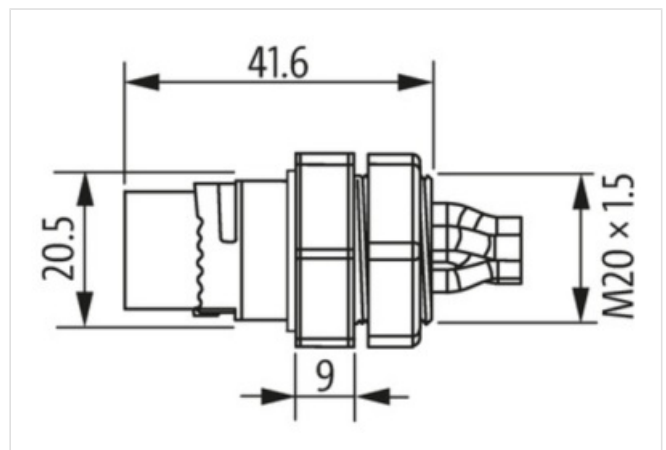
Front mounting

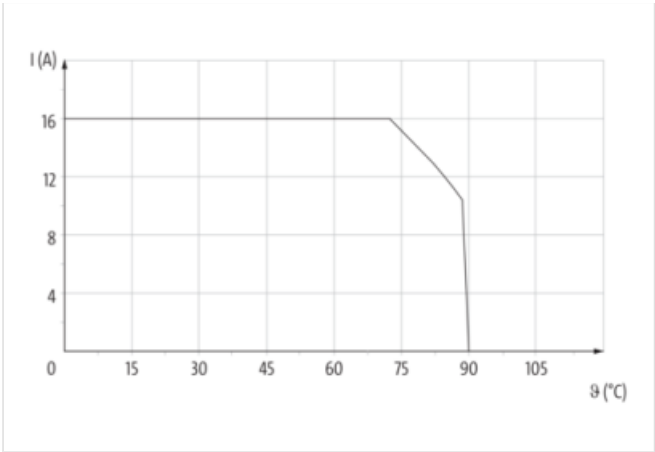
Hexagon nut M20x1,5 (SW26) for flange connector included in the delivery package.

Plastic housings with good resistance against chemicals and oils.

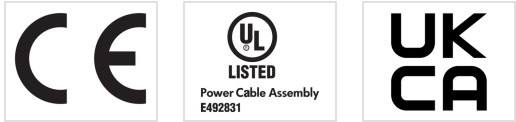
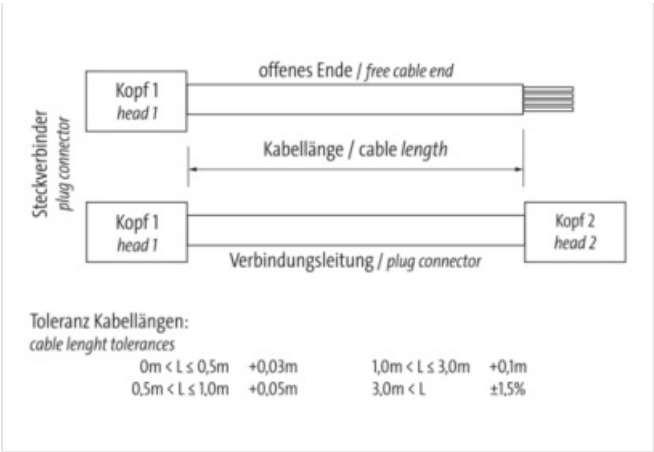
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image



Header	
Material short text	MSWAQ3FV-P80_0.5
Cable length	0,50 m
Side 1	
Family construction form	MQ15
No. of poles	6
Coding	Type 3
Mounting method	inserted, screwed
Material contact	Copper alloy
Coating contact	silver-plated
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-P8381-P800050
GTIN	4048879701884
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-7.1	27440103
ECLASS-8.0	27440103
ECLASS-8.1	27440103
ECLASS-9.0	27440103
ECLASS-9.1	27440109
ECLASS-10.0.1	27440109
ECLASS-10.1	27440103
ECLASS-11.0	27440109
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ECLASS-13.0	27440109
ECLASS-14.0	27440109
ETIM-5.0	EC001576
ETIM-6.0	EC001576
ETIM-7.0	EC001576
ETIM-8.0	EC001576
customs tariff number	85444290

EAN	4048879701884
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Packaging unit	1
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Electrical data | Supply

Operating voltage AC per power contact max.	600 V
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Operating current per power contact max.	16 A
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Operating voltage AC per signal contact max.	63 V
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Operating voltage DC per signal contact max.	63 V
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Operating current per signal contact max.	10 A
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Diagnostics

Status indication LED	no
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Installation | Connection

Tightening torque	6 Nm
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Mounting set	M20 x 1.5
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Width across flats	SW22
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Mating cycles min.	500
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Installation | Pin assignment

Configuration	fully used
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Rated surge voltage	6 kV
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Material group (IEC 60664-1)	I
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Mechanical data | Material data

Material housing	Brass
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Coating housing	nickel plated
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Material contact carrier	PA
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Mechanical data | Mounting data

Looking techniques	bayonet-locking
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Environmental characteristics | Climatic

Operating temperature min.	-40 °C
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Operating temperature max.	90 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Conformity

Product standard	EN IEC 61076-2-116
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Electrical data | Cable

Cable identification	P80
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Wire arrangement	black 1, black 2, black 3, green-yellow, blue
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Material wire insulation	PVC
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Amount wires	6
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Outer diameter insulation	3.7 mm
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Conductor crosssection (wire)	2.5 mm ²
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Material conductor wire	copper stranded wire, tinned
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Conductor type (wire)	Strand class 5
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Nominal voltage AC max.	600 V
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Withstand voltage (wire - wire)	2.5 kV
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Withstand voltage (wire - jacket)

2.5 kV